



# BBA

BIOSOLUTION

Nurturing Nature's Solutions



## ***PUREPOND***



### **TANNINS CLEAR BENEFICIAL BACTERIA**

Break down tannins, improve water color, reduce water toxicity, enhance microbial diversity and stabilise ecosystems.



Eco-Friendly



Rapid Treatment



25 Captain Cook Dr. Caringbah, NSW 2229 Australia +61 421 659 176

Email: [info@bbabio.com.au](mailto:info@bbabio.com.au), ABN 80 608 228 379 [www.bbabio.com.au](http://www.bbabio.com.au)



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Tannins Clear Bacteria is an advanced probiotic formulation specially designed to remove tannins, discoloration, and foul odours from water bodies rich in organic matter or plant extract residues. It leverages a **three-pronged mechanism—enzyme degradation, metabolic adsorption, and microbial ecosystem activation**—to effectively break down tannin compounds and restore clarity to your aquatic environment.

## ADVANTAGES

- **Rapid Tannin Breakdown:** effectively degrade complex tannin molecules, eliminating brown or yellow discoloration caused by plant extracts or organic runoff.
- **Breaks down sludge:** Eliminates pest breeding grounds and improves water quality.
- **Controls odours:** Outcompetes harmful bacteria for a fresher, balanced environment.
- **Chemical-Free:** Natural microbial processes, safe for aquatic life, plants, and long-term environmental sustainability.

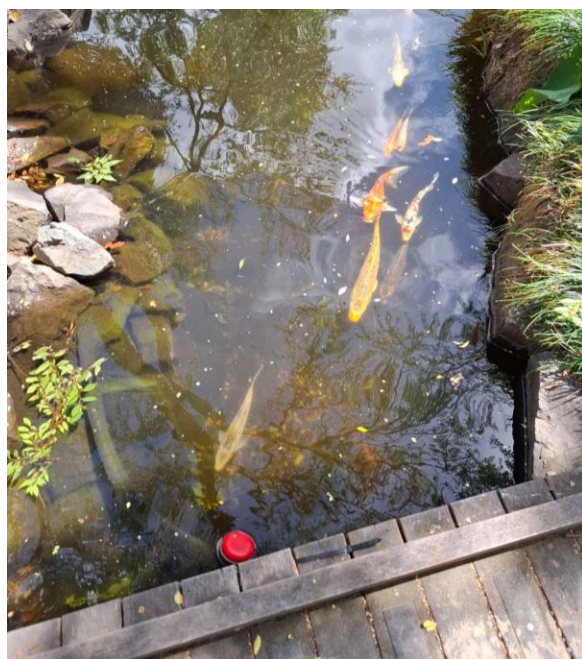
## MODE OF ACTION

The bacteria get to work:

1. **Secreting tannase and other polyphenol-degrading enzymes** to break down complex tannin molecules
2. **Metabolizing organic waste and suspended debris**, accelerating the decomposition of sludge
3. **Outcompeting harmful anaerobic bacteria**, suppressing the production of toxins and foul-smelling gases



Before, 4<sup>th</sup> Mar. 2025 11:27am



After, 6<sup>th</sup> Mar. 2025 13:15

50% less brown discoloration in 48 hours



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## PurePond Beneficial Bacteria – Application Details

- Do not underdose; overdosing is safe and ensures optimal results.
- To calculate total litres to be treated: Length x Width x Depth x 1000 = Total Litres

Situation	Treatment Rate	Comments
Ponds surrounded by trees, ponds in landscaped area with mulch, woodchips, or high plant turnover.	<ul style="list-style-type: none"><li>• Initial Applications: 25mL per 1,000 L of water.</li><li>• Maintenance Applications: 15mL per 1,000L of water every week.</li></ul>	Double or triple the dosage at the first application to ensure beneficial bacteria dominate and optimise water quality.

The above dose rate is a guideline that may need to be increased or decreased according to individual conditions, such as water pollution level, water body size and depth, frequency of rainwater runoff, volume of suspended material etc. More accurate dose rates can be established by onsite testing.

### CHARACTERISTICS

Living Microorganisms

Highly - Concentrated Aerobic Beneficial Bacteria

Package Sizes

250mL, 500mL

Storage Information

Store in the closed, original container out of direct sunlight. Best stored between 5 - 45 °C for up to 18 months. DO NOT FREEZE.

**Always read and follow label instructions**



Ecological remediation to degrade tannins naturally



Proven results in eliminating ammonia, nitrite.



Specific selected bacteria strains that effectively degrade tannins.



Safe for all aquatic life, even at higher doses, to support a healthy aquatic ecosystem.

### MAXIMISING PERFORMANCE

- Evenly apply when water temperature is above 10°C.
- Avoid applying **before** rainfall, as incoming rainwater may carry more tannins into the pond.
- Keep in original bottle, with cap tightly sealed.
- Avoid use within 7 days of copper-based algaecides.



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